

PTO/SB/08A (10-96) (MODIFIED)

Approved for use through 10/31/99, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

1

2

Complete if Known

<p><i>Substitute for Form 1449A/PTO</i></p> <h1 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1> <p><i>(use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
		Application Number	10/630,168		
		Filing Date	July 30, 2003		
		First Named Inventor	Keith A. Christenson et al.		
		Group Art Unit	2681		
		Examiner Name	Unknown		
Sheet	1	of	2	Attorney Docket Number	
LEAR 03959 PUS (03959)					

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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**EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.*

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
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				Filing Date	July 30, 2003
				First Named Inventor	Keith A. Christenson
				Group Art Unit	2681
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
<i>EB</i>		Combined Search and Examination Report Under Sections 17 and 18(3) mailed November 2, 2004 for European patent application GB 0416789.6.			
<i>EB</i>		Combined Search and Examination Report Under Sections 17 and 18(3) mailed November 2, 2004 for European patent application GB0416753.2			
<i>EB</i>		Combined Search and Examination Report Under Sections 17 and 18(3) for European Application No. GB0416742.5 dated October 26, 2004			
<i>EB</i>		German Search/Examination Document, German Patent Application No. 103 14 228.2, December 14, 2004			

Examiner Signature	<i>EBay</i>	Date Considered	<i>5/14/05</i>
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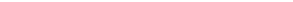
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				Filing Date	July 30, 2003
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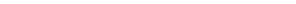
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<p>Substitute for Form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/630,168</td> </tr> <tr> <td>Filing Date</td> <td>July 30, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Keith A. Christenson et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>2681</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td colspan="2">Attorney Docket Number</td> </tr> </table>		Application Number	10/630,168	Filing Date	July 30, 2003	First Named Inventor	Keith A. Christenson et al.	Group Art Unit	2681	Examiner Name	Unknown	Attorney Docket Number	
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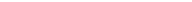
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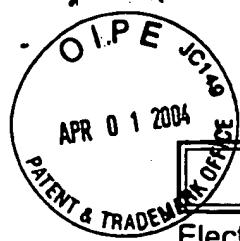
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	PROGRAMMABLE INTEROPERABLE APPLIANCE REMOTE CONTROL						
Application Number:	10/630168						
Confirmation Number:	7640						
First Named Applicant:	Keith Christenson						
Attorney Docket Number:	LEAR 03959 PUS						
Search string:	(4750118 or 5191610 or 5402105 or Re35364 or 5715020 or 5731756 or 5751224 or 5841253 or 5949349 or 6002332 or 6021319 or 6025785 or 6049289 or Re36703 or 6078271 or 6081203 or 6127740 or 6130625 or 6131019 or 6154544 or 6166650 or 6175312 or 6181255 or 6191701 or 6271765 or 6308083 or 6333698 or 6414587 or RE37986 or 6525645 or 6556681 or 6559775 or 6320514 or 3456387 or 4167833 or 5109222 or 6362771 or 6634408 or 20020034303 or 20020126037 or 20020191794 or 20030016119 or 20030016139).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	1	4750118	1988-06-07	Heitschel et al.			
	2	5191610	1993-03-02	Hill et al.			
	3	5402105	1995-03-28	Doyle et al.			
	4	Re35364	1996-10-29	Heitschel et al.			
	5	5715020	1998-02-03	Kuroiwa et al.			
	6	5731756	1998-03-24	Roddy			
	7	5751224	1998-05-12	Fitzgibbon			
	8	5841253	1998-11-24	Fitzgibbon et al.			
	9	5949349	1999-09-07	Farris et al.			
	10	6002332	1999-12-14	King			
	11	6021319	2000-02-01	Tigwell			



12	6025785	2000-02-15	Farris et al.	
13	6049289	2000-04-11	Waggaman et al.	
14	Re36703	2000-05-16	Heitschel et al.	
15	6078271	2000-06-20	Roddy et al.	
16	6081203	2000-06-27	Fitzgibbon	
17	6127740	2000-10-03	Roddy et al.	
18	6130625	2000-10-10	Harvey	
19	6131019	2000-10-10	King	
20	6154544	2000-11-28	Farris et al.	
21	6166650	2000-12-26	Bruwer	
22	6175312	2001-01-16	Bruwer et al.	B1
23	6181255	2001-01-30	Crimmins et al.	B1
24	6191701	2001-02-20	Bruwer	B1
25	6271765	2001-08-07	King et al.	B1
26	6308083	2001-10-23	King	B2
27	6333698	2001-12-25	Roddy	B1
28	6414587	2002-07-02	Fitzgibbon	B1
29	RE37986	2003-02-11	Heitschel et al.	E
30	6525645	2003-02-25	King et al.	B2
31	6556681	2003-04-29	King	B2
32	6559775	2003-05-06	King	B1
33	6320514	2001-11-20	Flick	B1
34	3456387	1969-07-22	C. A. Tolson	
35	4167833	1979-09-18	Farina et al.	
36	5109222	1992-04-28	Welty	
✓	6362771	2002-03-26	Schofield et al.	B1
✓	6634408	2003-10-21	Mays	B2

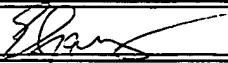
US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
✓	1	20020034303	2002-03-21	Farris et al.	A1		
✓	2	20020126037	2002-09-12	Fitzgibbon	A1		
✓	3	20020191794	2002-12-19	Farris et al.	A1		
✓	4	20030016119	2003-01-23	Teich	A1		

EA	5	20030016139	2003-01-23	Teich	A1
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Signature

Examiner Name	Date
	5/11/05



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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	1522241	1925-01-06		Hennessey			
2	3098212	1963-07-16		Creamer, Jr.			
3	3300867	1967-01-31		Sampson			
4	3337992	1967-08-29		Tolson			
5	3680951	1972-08-01		Jordan et al.			
6	4074200	1978-02-14		Buchta			
7	4241870	1980-12-30		Marcus			
8	4425717	1984-01-17		Marcus			

✓	9	4447808	1985-05-08	Marcus
✓	10	4535333	1985-08-13	Twardowski
✓	11	4581827	1986-04-15	Higashi
✓	12	4598287	1986-07-01	Osakabe et al.
✓	13	4623887	1986-11-18	Welles II
✓	14	4631708	1986-12-23	Wood et al.
✓	15	4635033	1987-01-06	Inukai et al.
✓	16	4676601	1987-06-30	Itoh et al.
✓	17	4707788	1987-11-17	Tashiro et al.
✓	18	Re32576	1988-01-12	Pastore
✓	19	4727302	1988-02-23	Mizuta et al.
✓	20	4747159	1988-05-24	Kato
✓	21	4754255	1988-06-28	Sanders et al.
✓	22	4771283	1988-09-13	Imoto
✓	23	4793690	1988-12-27	Gahan et al.
✓	24	4825200	1989-04-25	Evans et al.
✓	25	4881148	1989-11-14	Lambropoulos et al.
✓	26	4882565	1989-11-21	Gallmeyer
✓	27	4886960	1989-12-12	Molyneux et al.
✓	28	4890108	1989-12-26	Drori et al.
✓	29	4896030	1990-01-23	Miyaji
✓	30	4905279	1990-02-27	Nishio
✓	31	4917477	1990-04-17	Bechtel et al.
✓	32	4953305	1990-09-04	Van Lente et al.
✓	33	4978944	1990-12-18	Andros et al.
✓	34	4988992	1991-01-29	Heitschel et al.
✓	35	5016996	1991-05-21	Ueno
✓	36	5064274	1991-11-12	Alten
✓	37	5113821	1992-05-19	Fukui et al.
✓	38	5122647	1992-06-16	Lynam et al.
✓	39	5123008	1992-06-16	Beesley
✓	40	5126686	1992-06-30	Tam
✓	41	5181423	1993-01-26	Philipps et al.
✓	42	5225847	1993-07-06	Roberts et al.
✓	43	5266945	1993-11-30	Peek et al.
✓	44	5369706	1994-11-29	Latka

EJ	45	5379453	1995-01-03	Tigwell
	46	5408698	1995-04-18	Serizawa et al.
	47	5463374	1995-10-31	Mendez et al.
	48	5812097	1998-09-22	Maldonado
	49	5841813	1998-11-24	Van Nee
	50	5103221	1992-04-07	Memmiola
	51	5146215	1992-09-08	Drori
	52	5201067	1993-04-06	Grube et al.
	53	5243322	1993-09-07	Thompson et al.
	54	5252960	1993-10-12	Duhame
	55	5252977	1993-10-12	Lueker et al.
	56	5420925	1995-05-30	Michaels
	57	5471668	1995-11-28	Soenen et al.
	58	5517187	1996-05-14	Bruwer et al.
	59	5564101	1996-10-08	Eisfeld et al.
	60	5594429	1997-01-14	Nakahara
	61	5598475	1997-01-28	Soenen et al.
✓	62	5680131	1997-10-21	Utz
EJ	63	5686904	1997-11-11	Bruwer

Signature

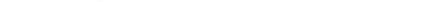
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<i>Eh</i>		Garage Door/Gate Remote Control User's Instructions (Model 39), Skylink Technologies Inc., 2002.				
		HomeLink Wireless Control System Lighting Kit Installation, http://www.homelink.com/print/lighting_print.html .				
		HomeLink Wireless Control System Frequently Asked Questions, http://www.homelink.com/print/faq_print.html .				
		HomeLink Universal 2 Channel Receiver Model PR433-2, Installation Instructions, 114A2437, 2000.				
		Getting Started with HomeLink, Programming Garage Door Openers and Gates.				
		HomeLink Universal Transceiver Lighting Package Programming.				
		Microchip HCS360 Keeloq Code Hopping Encoder, Microchip Technology Inc., DS40152E, 2002.				
		Microchip TB003, An Introduction to Keeloq Code Hopping, Microchip Technology Inc., DS91002A, 1996.				
		Chamberlain LiftMaster Professional Universal Receiver Model 635LM Owner's Manual, 114A2128C, The Chamberlain Group, Inc., 2002.				
		Flash2Pass eliminates past garage door opener hassles using a secure and easy-to-install system, Press Release, F2P Electronics, Inc., January 2002.				
<i>V</i>		Flash2Pass Easy Set Up Instructions, v031003, F2P Technologies.				
<i>Eh</i>		The X-10 Powerhouse Power Line Interface Model #PL513 and Two-Way Power Line Interface Model #TW523, Technical Note, Dave Rye, Rev. 2.4, PL/TWTN/1291.				

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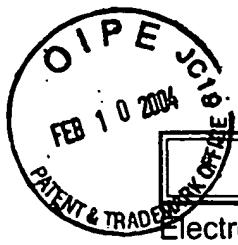
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Eh		Neural Networks for ECCM, Simon Haykin, McMaster University Communications Research Laboratory Technical Report 282, Neurocomputing for Signal Processing, February 1994, http://www.crl.mcmaster.ca/cgi-bin/makerabs.pl?282 .	
Eh		DRFM Theory of Operation, KOR Electronics, Inc., http://www.korelectronics.com/product_sheets/theory-of-operations/drfm-theoryofop.htm	
Eh		Fabrication Process Combines Low Cost and High Reliability, Murat Eron, Richard J. Perko and R. James Gibson, Microwaves & RF, October 1993.	
Eh		Pager and Garage Door Opener Combination, Gail Marino, Motorola Technical Developments, vol. 10, March 1990.	

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¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.



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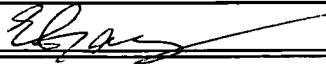
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Title of Invention	PROGRAMMABLE INTEROPERABLE APPLIANCE REMOTE CONTROL																																																																																																														
<p>Application Number: 10/630168</p> <p>Confirmation Number: 7640</p> <p>First Named Applicant: Keith Christenson</p> <p>Attorney Docket Number: LEAR 03959 PUS</p> <p>Search string: (5680134 or 5841390 or 6005508 or 6243000 or 6249673 or 6359558 or 6441719 or 6556813 or 20020137479 or 20020163440 or 20030067394 or 20030076235 or 20030189530).pn.</p>																																																																																																															
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>ER</td><td>1</td><td>5680134</td><td>1997-10-21</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5841390</td><td>1998-11-24</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>6005508</td><td>1999-12-21</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>6243000</td><td>2001-06-05</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>6249673</td><td>2001-06-19</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>6359558</td><td>2002-03-19</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>6441719</td><td>2002-08-27</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td>ER</td><td>8</td><td>6556813</td><td>2003-04-29</td><td>Tsui</td><td></td><td></td><td></td></tr></tbody></table> <h3>US Published Applications</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Published Applications</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Pub. No.</th><th>Date</th><th>Applicant</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>ER</td><td>1</td><td>20020137479</td><td>2002-09-26</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td>ER</td><td>2</td><td>20020163440</td><td>2002-11-07</td><td>Tsui</td><td></td><td></td><td></td></tr><tr><td>ER</td><td>3</td><td>20030067394</td><td>2003-04-10</td><td>Tsui</td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	ER	1	5680134	1997-10-21	Tsui					2	5841390	1998-11-24	Tsui					3	6005508	1999-12-21	Tsui					4	6243000	2001-06-05	Tsui					5	6249673	2001-06-19	Tsui					6	6359558	2002-03-19	Tsui					7	6441719	2002-08-27	Tsui				ER	8	6556813	2003-04-29	Tsui				init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass	ER	1	20020137479	2002-09-26	Tsui				ER	2	20020163440	2002-11-07	Tsui				ER	3	20030067394	2003-04-10	Tsui			
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Note: Applicant is not required to submit a paper copy of cited US Patent Documents					
init	Cite.No.	Patent No.	Date	Patentee	Kind
EP	1	5154617	1992-10-13	Suman et al.	
	2	5278547	1994-01-11	Suman et al.	
	3	5455716	1995-10-03	Suman et al.	
	4	5442340	1995-08-15	Dykema	
	5	5475366	1995-12-12	Van Lente et al.	
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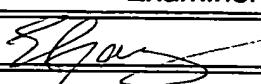
EB	14	5661651	1997-08-26	Geschke et al.
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	16	5686903	1997-11-11	Duckworth et al.
	17	5691848	1997-11-25	Van Lente et al.
	18	5699044	1997-12-16	Van Lente et al.
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	21	5708415	1998-01-13	Van Lente et al.
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	25	5940000	1999-08-17	Dykema
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✓	5	20030216139	2003-11-20	Olson et al.			
EB	6	20030228879	2003-12-11	Witkowski et al.			

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